

Fig. 1A

80 41 (41) EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSAAWEQT SEQ_36 SEQ_37 EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSAAWEQS SEQ_38 EEFDGNQFQKAQAISVLHEMMQQTFNLFSTKNSSAAWDET SEO 39 EEFDSNQFQKAQAISVLHEMMQQTFNLFSTKDSSAAWDET SEQ_40 (41) EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSAAWDET (41) EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSAAWDET SEO 41 SEQ_42 (41)EEFDGNRFOKAOAISVLHEMIQOTFNLFSTKNSSAAWEQS EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSATWEQS SEQ_43 (41)SEQ_44 (41) EEFDSNQFQKAQAISVLHEMIQQTFNLFSTKDSSAAWEQS EEFDGNOFOKAOAISVLHEMIQOTFNLFSTKDSSAAWEQS SEQ_45 (41)SEQ_46 (41) EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSAAWEQS SEQ_47 (41) EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSVAWDER (41) EEFDGNQFQKAQAISVLHEIMQQTFNLFSTKNSSAAWDET SEQ_48 SEQ_49 (41)EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSAAWEQS (41) EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKNSSAAWDET SEQ_50 SEQ_51 (41) EEFDGNOFOKAOAISVLHEMMOOTFNLFSTKNSSAAWDET SEQ_52 (41) EEFDGNQFQRAQAIFVLHEMIQQTFNFFSTKDSSAAWEQS SEQ_53 (41) EEFDGNQFQKAQAISAFHEMIQQTFNLFSTKDSSAAWEQN SEQ_54 (41) EEFDGHQFQKTQAISVLHEMIQQTFNLFSTKDSSAAWEQS SEQ_55 (41) EEFDDKQFQKAPAISVLHEVIQQTFNLFSTEDSSAAWEQT SEQ_56 (41) EVFDGNQFQKAQAISAFHEMMQQTFNLFSTEDSSAAWEQS SEQ_57 (41) EEFDGNQLQKTQAISVLHEMIQQTFNLFSTKDSSATWEQS SEQ_58 (41) EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSATWEQS SEQ_59 (41) EVFDGNQFQKAQAISAFHEMIQQTFNLFSTKDSSATWEQS SEQ_60 (41) EEFDGNQSQKAQAISVLHEMIQQTFNLFSTKDSSDTWDAT (41) EEFDGNOFOKAOAISAFHEMIQOTFNLFSTKDSSAAWEQS SEO 61 SEQ_62 (41) EEFDGNOFOKAOAISAFHEMIOOTFNLFSTKDSSATWEQS (41) EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSATWEQS SEQ_63 SEO_64 (41) EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSATWEQS SEQ_65 (41) EEFDGNOFOKAOAISVLHEMMOOTFNLFSTKNSSAAWEQS SEQ_66 (41) GEFDGNQFQKAQAISVLHEMMQQTFNLFSTKDSSAAWEQS SEQ_67 (41) EEFDGNQFQKTQAISVLHEMIQQTFNLFSTKDSSDTWEQS (41) EVFDGNQFQKAQAIFLFHEMMQQTFNLFSTKNSSAAWDET SEQ_68 SEQ_69 (41) EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSATWEQS SEO 70 (41) EEFDGNOLOKAQAISVLHEMIQQTFNLFSTKDSSAAWEQS SEQ_79 (41) EEFDDNOFOKAOAISVLHEMIOOTFNLFSTKDSSATWDET SEO 80 (41) EEFDGNOFOKAOGISVLHEMIQQTFHLFSTKDSSATWEQS SEQ_81 (41) EEFDGNOFOKAOAISVLHEMIOOTFNLFSTKDSSATWDET SEO 82 (41) EEFGGNQFQKAQAISVLHEMIQQTFNLFSTEDSSAAWDET SEO 83 (41) EEFDGNOFOKAOAISVLHEMIQQTFNLFSTKDSSATWDET EEFDDNQFQKAQAISVLHEMIQQTFNLFSTKDSSATWDET SEQ_84 (41)(41) EEFDGNQFQKAQAISVLHEMIQQTFNLFSTKDSSATWDET SEQ_85

Fig. 1B

120 81 SEQ_36 (81) LLEKFSTELYOOLNDLEACVIOEVGVKETPLMNVDSILAV SEQ_37 (81) LLEKFSTELYQQLNELEACVIQEVGVGETPLMNGDSILAV (81) LLEKFSTELYOOLNELEACVIOEVGVEETPLMNEDSILAV SEO 38 SEQ_39 (81) LLEKFSTELYQQLNDLEACVIQEVGVEETPLMNVDSILAV (81) LLEKFSTELYQQLNDLEACVIQEVGVEETPLMNEDSILAV SEO 40 SEQ_41 (81) LLEKFSTELYOOLNDLEACVIOEVGVEETPLMNVDSILAV SEQ_42 (81) LLEKFSTELYQQLNDLEACVIQEVGVEETPLMNEDSILAV SEO 43 (81) LLEKFSTELNQQLNDLEACVIQEVGVEETPLMNVDPILAV SEQ_44 (81) LLEKFSTELHQQLNELEACVVQEVGVEETPLMNEDSILAV SEQ_45 (81) LLEKFSTELYQQLNDLEACVIQEVGVEETPLMNVDSILAV SEQ_46 (81) LLEKFSTELYOOLNDLEACVIOEVGVEETPLMNVDSILAV SEO 47 (81) LLDKLYTELYOOLNDLEACVMOEVWVGGTPLMNEDSILAV SEQ_48 (81) LLEKFSTELYQQLNELEACVIQGVGVEETPLMNEDSILAV SEQ_49 (81) LLEKFSTGLYQQLNDLEACVIQEVGVEETPLMNEDSILAV SEQ_50 (81) LLEKFSTELYQQLNNLEACVIQEVGMEETPLMNVDSILAV SEQ_51 (81) LLEKFSTELYQQLNELEACVIQEVGVEETPLMNEDSILAV SEQ_52 (81) LLEKFSTELNQQLNDLEACVIQEVGVEETPLMNEDSILAV SEQ_53 (81) LLEKFSTELYQQLNNLEACVIQEVGMEETPLMNVDSILAV SEQ_54 (81) LLEKFSTELYQQLNDLEACVIQEVGVEETPLMNEDSILAV SEQ_55 (81) LLEKFSTELYOOLNDLEACVMOEERVGETPLMNADSILAV SEQ_56 (81) LLEKFSTELHQQLNDLEACVIQEVGVEETPLMNEDSILAV SEO 57 (81) LLEKFSTELNQQLNDLEACVIQGVGVEETPPMNVDSILAV (81) LLEKFSTELNOOLNDLEACVIOEAGVEETPLMNVDSILAV SEO 58 SEQ_59 (81) LLEKFSTELYQQLNNLEACVIQEVGVEETPLMNEDSILAV SEQ_60 (81) LLEKFSTELNOOLNDLEACVIOEVGVEETPLMNVDSILAV SEO_61 (81) LLEKFSTELYQQLNNLEACVIQEVGMEETPLMNEDSILAV SEQ_62 (81) LLEKFSTELYQQLNNLEACVIQEVGVEETPLMNVDSILAV SEQ_63 (81) LLEKFSTELYQQLNNLEACVIQEVGVEETPLMNVDSILAV (81) LLEKFSTELNQQLNDLEACVIQEVGVEETPLVNVDSILAV SEQ_64 (81) LLEKFSTELHQQLNELEACVIQEVGVEETPLMNVDSILAV SEQ_65 SEO 66 (81) LLEKFSTELYRQLNDLEACVIQEVGVEETPLMNVDSILAV SEQ_67 (81) LLEKFYIELFQQLNDLEACVIQEVGVEETPLMNVDSILAV SEQ_68 (81) LLDKFYTELYQQLNDLEACVMQEGRVGETPLMNADSILAV (81) LLEKFSTELNOOLNDLEACVTOEVGVEETPLMNEDSILAV SEO 69 SEQ_70 (81) LLEKFSTELNQQLNDLEACVIQEVGVEETPLMNVDSILAV (81) LLDKFYTELYQQLNDLEACVIQEVGVEETPLMNEDSILAV SEO 79 SEQ_80 (81) LLEKFSTELNOOLNDLEACVIOEVGVEETPLMNVDSILAV (81) LLDKFYTELYQQLNDLEACMMQEVGVEDTPLMNVDSILTV SEO_81 SEO 82 (81) LLDKFYIELFOOLNDLEACVMOEERVGETPLMNADSILAV (81) LLDKFYTELYQQLNDLEACMIQEVGVEETPLMNEDSILAV SEQ_83 SEQ_84 (81) LLDKFYTELYQQLNDLEACMMQEVGVEETPLMNVDSILTV (81) LLDKFYTELYQQLNDLEACMMQEVGVEETPLMNEDSILAV SEQ_85

Fig. 1C

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160 121 (121) RKYFORITLYLIERKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_36 SEO 37 (121) KKYFORITLYLIERKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_38 (121) KKYFQRITLYLTEKKYSPCSWEVVRAEIMRSFSFSTNLQK (121) RKYFORITLYLIERKYSPCAWEVVRAEIMRSFSFSTNLOK SEO 39 SEQ_40 (121) KKYFQRITLYLIERKYSPCAWEVVRAEIMRSFSFSTNLQK (121) RKYFQRITLYLIERKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_41 (121) KKYFQRITLYLIERKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_42 SEQ_43 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_44 (121) KKYLQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEO 45 (121) RKYFQRITLYLIERKYSPCAWEVVRAEIMRSFSFSTNLQK (121) RKYFQRITLYLIERKYSPCAWEVVRAEIMRSFSFSTNLQK SEO 46 SEQ_47 (121) RKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK (121) RKYFORITLYLTEKKYSPCSWEVVRAEIMRSFSFSTNLQK SEQ_48 SEQ_49 (121) KKYFQRITLYLTEKKYSPCSWEVVRAEIMRSFSFSTNLQK SEQ_50 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_51 (121) KKYFORITLYLTEKKYSPCSWEVVRAEIMRSFSFSTNLQK SEQ_52 (121) KKYFORITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK (121) RKYFQRITLYLIERKYSPCAWEVVRAEIMRSFSFSTNLQK SEO 53 SEQ_54 (121) KKYFQRITLYLMEKKYSPCAWEVVRAEIMRSFSFSTNLQK (121) RKYFQRITLYLTKKKYSPCSWEVVRAEIMRSFSFSTNLQK SEO 55 SEO 56 (121) RKYFORITLYLMEKKYSPCAWEVVRAEIMRSFSFSTNLQK (121) KKYFORITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_57 SEQ_58 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK (121) RKYFQRITLYLMEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEO_59 SEQ_60 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK (121) KKYFORITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_61 (121) KKYFRRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_62 (121) KKYFQRITLYLTERKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_63 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_64 (121) KKYFORITLYLIERKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_65 (121) RKYFQRITLYLTEKKHSPCSWEVVRAEIMRSFSFSTNLQK SEO 66 SEQ_67 (121) RKYFQRITLYLTEEKYSPCAWEVVRAEIMRSFSFSTNLQK (121) KKYFRRITLYLTEKKYSPCAWEAVRAEIMRSFSFSTNLQK SEQ_68 SEO_69 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK (121) KKYFQRITLYLTERKYSPCAWEVVRAEIMRSFSFSTNLQK SEO_70 (121) KKYFRRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_79 SEQ_80 (121) KKYFRRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK (121) RKYFRRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEO_81 (121) KKYFQRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_82 (121) KKYFRRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_83 SEQ_84 (121) KKYFRRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK (121) KKYFRRITLYLTEKKYSPCAWEVVRAEIMRSFSFSTNLQK SEQ_85

Fig. 1D

	1	61 166
SEQ_36	(161)	RLRRKE
SEQ_37	(161)	RLRRKE
SEQ_38	(161)	RLRRKE
SEQ_39	(161)	RLRRKE
SEQ_40	(161)	RLRRKE
SEQ_41	(161)	RLRRKE
SEQ_42	(161)	RLRRKE
SEQ_43	(161)	RLRRKE
SEQ_44	(161)	RLRRKE
SEQ_45	(161)	RLRRKE
SEQ_46	(161)	RLRRKE
SEQ_47	(161)	RLRRKE
SEQ_48	(161)	RLRRKE
SEQ_49	(161)	RLRRKE
SEQ_50	(161)	RLRRKE
SEQ_51	(161)	RLRRKE
SEQ_52	(161)	RLRRKE
SEQ_53	(161)	RLRRKE
SEQ_54	(161)	RLRRKE
SEQ_55	(161)	RLRRKE
SEQ_56	(161)	RLRRKE
SEQ_57	(161)	RLRRKE
SEQ_58	(161)	RLRRKE
SEQ_59	(161)	RLRRKE
SEQ_60	(161)	RLRRKE
SEQ_61	(161)	RLRRKE
SEQ_62	(161)	RLRRKE
SEQ_63	(161)	RLRRKE
SEQ_64	(161)	RLRRKE
SEQ_65	(161)	RLRRKE
SEQ_66	(161)	RLRRKE
SEQ_67	(161)	RLRRKE
SEQ_68	(161)	RLRRKE
SEQ_69	(161)	RLRRKE
SEQ_70	(161)	RLRRKE
SEQ_79	(161)	RLRRKE
SEQ_80	(161)	RLRRKE
SEQ_81	(161)	RLRRKE
SEQ_82	(161)	RLRRKE
SEQ_83	(161)	RLRRKE
SEQ_84	(161)	RLRRKE
SEQ_85	(161)	RLRRKE

Fig. 1E

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Activity, Units/mg

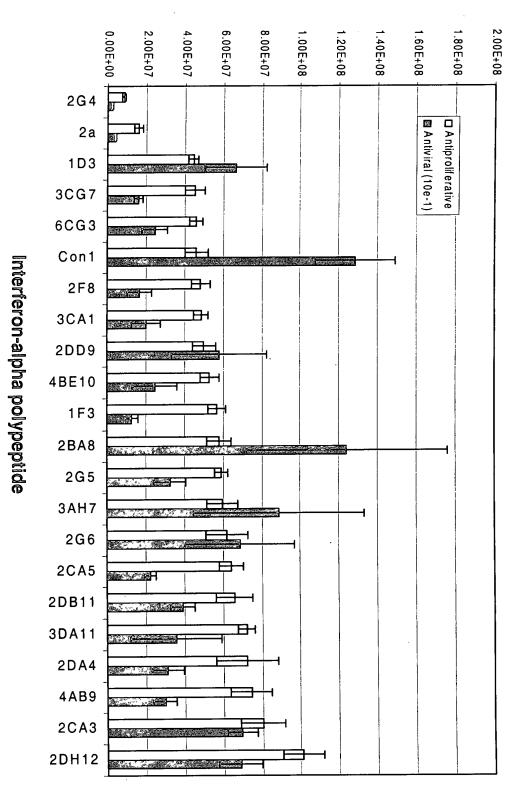
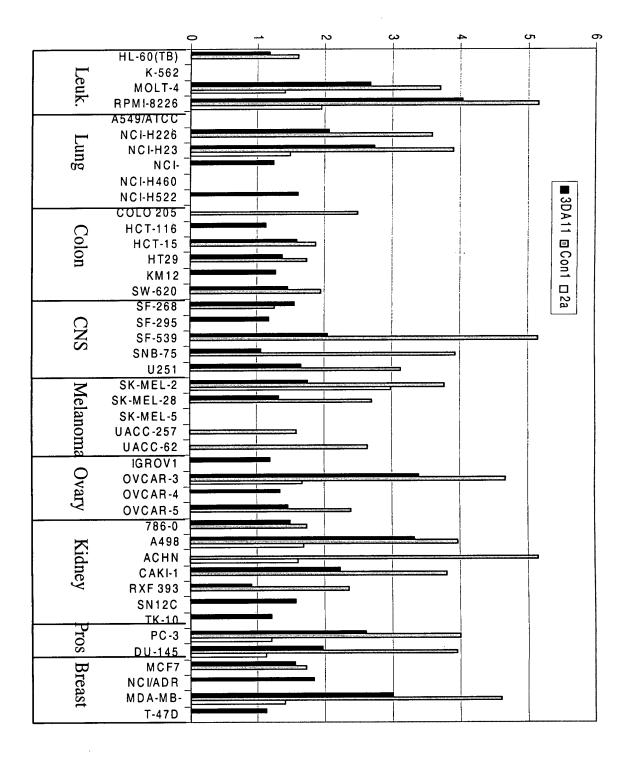


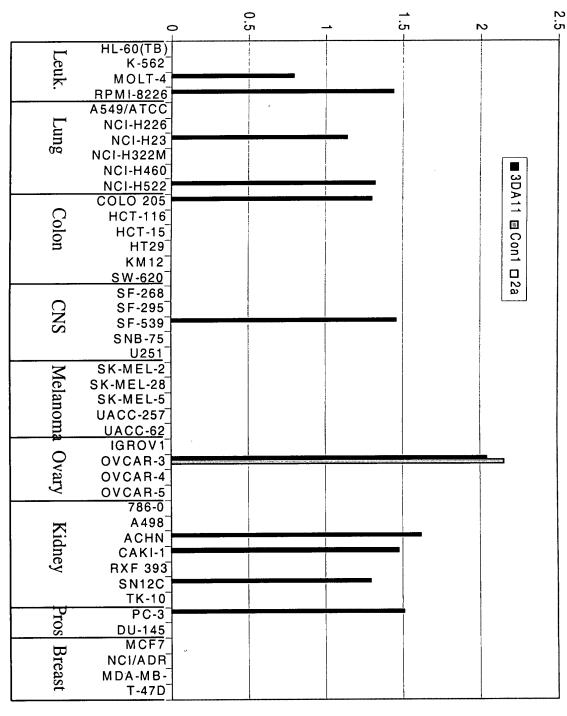
Fig. 2

-log GI50 [μ g/ml]



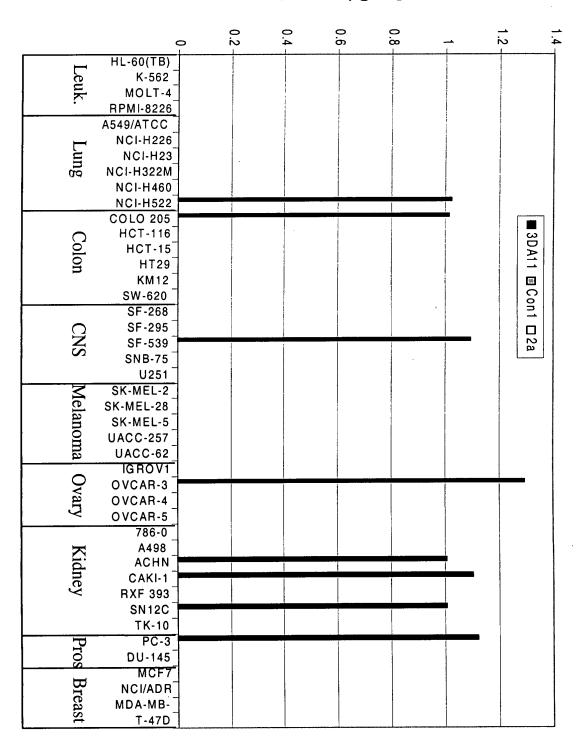
5. 3A

- log TGI [µg/ml]



Cell line

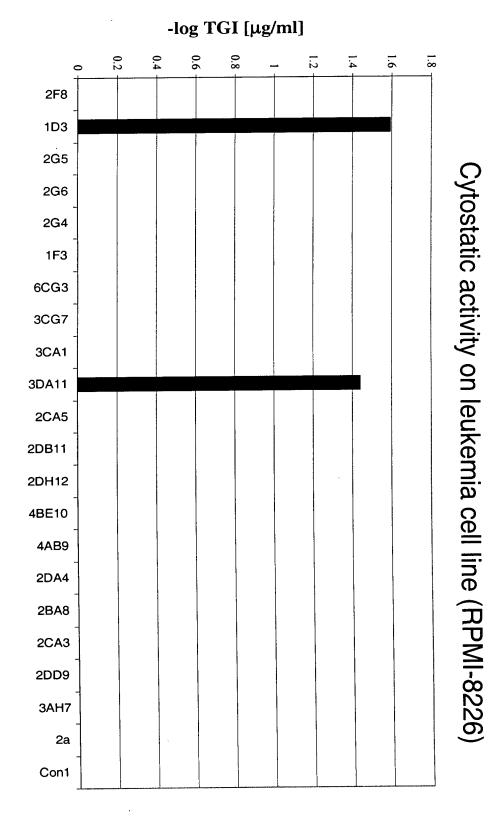
-log LC50 [µg/ml]



iig. 3C

Interferon-alpha polypeptide

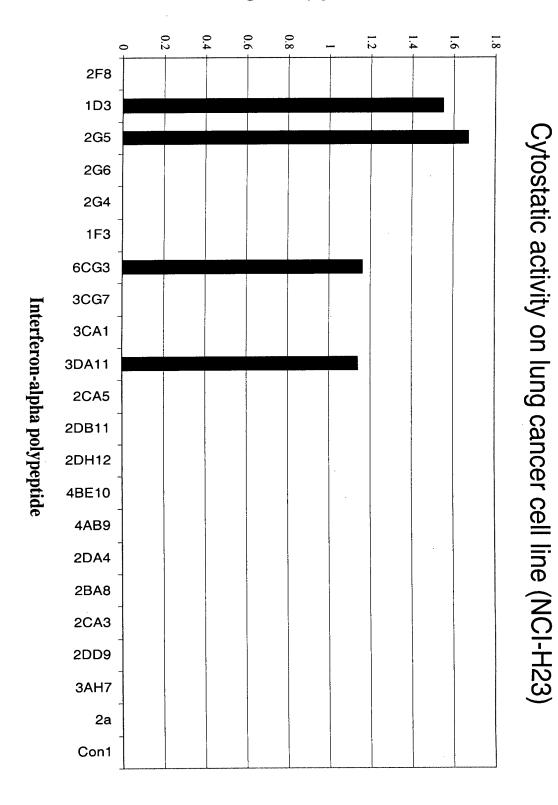
Fig. 4A



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Fig. 4B

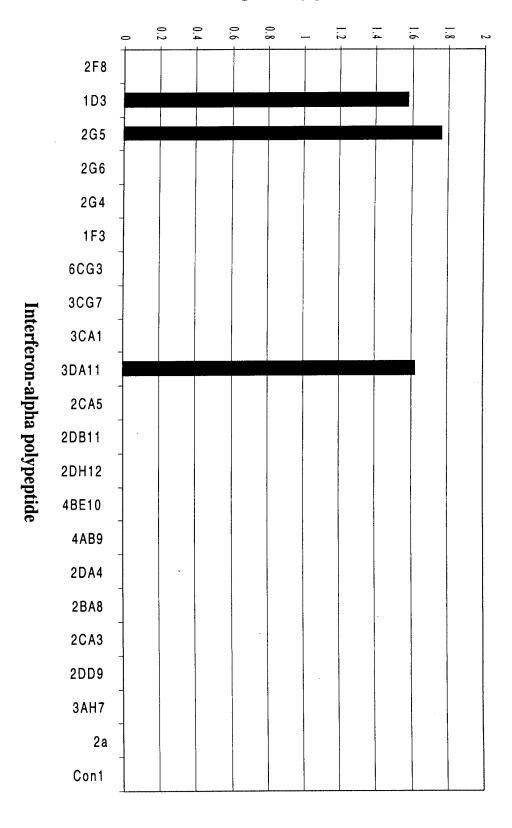
-log TGI [µg/ml]



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Fig. 4C

-log TGI [µg/ml]

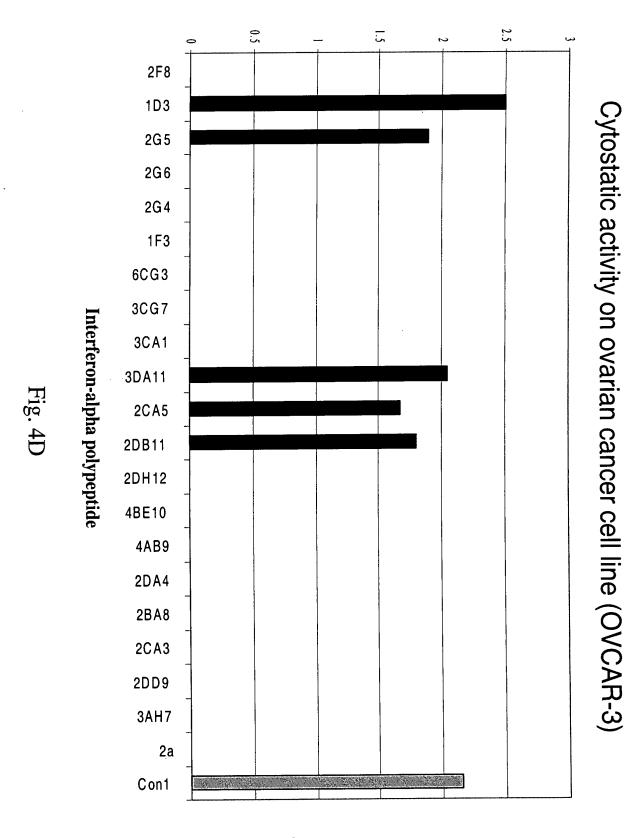


Cytostatic activity on renal cancer cell line (ACHN)

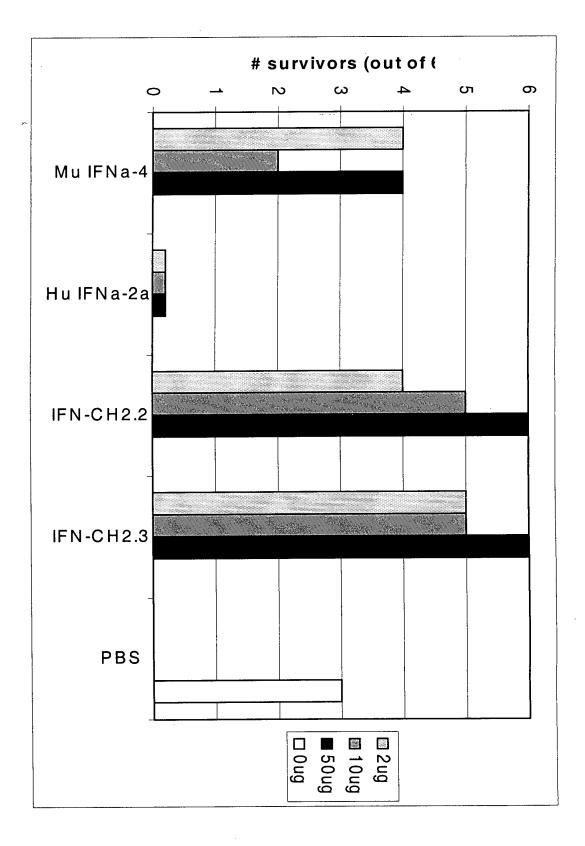
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-log TGI [µg/ml]



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